

MATERIAL SAFETY DATA SHEET

NAME: ORAL-B MINUTE-FOAM

CAS NO: NA

Effective Date: 10/04/2002 **Rev:** 2

A. — IDENTIFICATION

| | | |
|-----------------------------|------|--------------------------|
| <u>Composition*</u> | % | Formula: Mixture Mixture |
| Sodium Fluoride (7681-49-4) | 2.14 | Molecular Weight: NA |
| Propellant | <5. | Synonyms: NA |
| Isobutane (75-28-5) | | |
| Propane (74-98-6) | | |
| Other ingredients | Bal. | |

B. — PHYSICAL DATA

| | | |
|--|---|--|
| Boiling Point NA °F NA °C | Melting Point 145 °F 63 °C | Freezing Point NA °F NA °C |
| Specific Gravity (H ₂ O=1) 0.15 (foam) | Vapor Density (air=1) NA | Vapor Pressure @ _____ °F NA mm Hg |
| Evaporation (_____ =1) NA | Saturation in Air (by volume @ _____ °F) NA | Autoignition Temperature _____ °F _____ °C NA |
| % Volatiles NA | Solubility in Water NA | pH NA |

Appearance/Odor White foam having an odor characteristic of its flavor.

Flash Point and Test Method(s) Not determined

Flammable Limits in Air (% by volume) Lower NA % Upper NA %

C. — REACTIVITY

| | | | |
|-----------------------------------|--|--|---|
| Stability | <input checked="" type="checkbox"/> stable <input type="checkbox"/> unstable | Polymerization | <input type="checkbox"/> may occur <input checked="" type="checkbox"/> will not occur |
| <u>Conditions to Avoid</u> | | <u>Conditions to Avoid</u> | |
| Extreme heat, sources of ignition | | Not applicable | |
| <u>Incompatible Materials</u> | | <u>Hazardous Decomposition Products</u> | |
| Strong oxidizers, acids | | Thermal degradation may produce oxides of carbon and nitrogen fluorine compounds and other toxic byproducts. | |

Footnotes

Contains <5% hydrocarbon propellant in a water base formula. Contents exert less than 40 psia pressure.
NA=Not available

D. — HEALTH HAZARD DATA

Occupational Exposure Limits PEL's, TLV's, etc.)

8-Hour TWA's: Fluoride - 2.5 mg/m³ (F) (OSHA/ACGIH)

Butane - 800 ppm (ACGIH)

Propane - 1000 ppm (OSHA)

These levels are not anticipated under normal use conditions.

Warning Signals

Not applicable

Routes/Effects of Exposure

1. Inhalation No adverse effects anticipated from normal use.

2. Ingestion No adverse effects anticipated from normal use. Ingestion of less than 5 mg/kg fluoride may cause gastric upset. Ingestion of between 5 and 15 mg/kg fluoride may cause nausea, vomiting, muscle weakness, and shock. Ingestion of greater than 15 mg/kg fluoride would be expected to cause all of the above symptoms. In addition, cardiac arrhythmias and circulatory collapse may occur. A container of this product contains 2.05 grams of fluoride.
3. Skin
 - a. Contact
No adverse effects anticipated.

 - b. Absorption
No adverse effects anticipated.
4. Eye Contact May cause irritation.

5. Other Not applicable

E. — ENVIRONMENTAL IMPACT

1. Applicable Regulations Ingredients listed in TSCA inventory.

2. DOT Hazard Class - Not a DOT Regulated Material

3. DOT Shipping Name - Not Applicable.

4. ICAO/IATA Classification - Not Applicable

Environmental Effects

Not applicable

F. — EXPOSURE CONTROL METHODS

Engineering Controls

None under normal use conditions.

Eye Protection

None under normal use conditions.

Skin Protection

None under normal use conditions.

Respiratory Protection

None under normal use conditions.

Other

Product is nonhazardous when used as directed. Keep out of reach of children.

G. — WORK PRACTICES

Handling and Storage

Storage of large quantities (as in a warehouse) should be in a cool area, away from ignition sources. Avoid spraying toward open flame. Contents under pressure. Do not puncture or incinerate. Do not store at temperatures above 77° F.

Normal Clean Up

Wipe up with tissue, towel, etc.

Waste Disposal Methods

Dispose of in accordance with federal, state and local regulations.

H. — EMERGENCY PROCEDURES

Steps to be taken if material is released to the environment or spilled in the work area

Not applicable

Fire and Explosion Hazard

Contains <5% hydrocarbon propellant in a water base formula. container may rocket or explode in heat of fire. Hazardous decomposition products may be released (Sec. C).

Extinguishing Media

As appropriate for surrounding fire.

Firefighting Procedures

Use self-contained breathing apparatus and full protective gear, if large quantities are involved. Cool fire-exposed containers with water spray.

I. — FIRST AID AND MEDICAL EMERGENCY PROCEDURES**Eyes**

Eyes may be washed with clear, tepid water. If irritation persists, obtain medical attention.

Skin

Rinse off with water.

Inhalation

Not applicable

Ingestion

If large amounts have been ingested, contact a physician or local poison control center.

Notes to Physician

Ingestion of greater than 15 mg/kg fluoride is potentially fatal, so immediate medical treatment is vital.

Replaces #1783

The information contained in the Material Safety Data Sheet is based on data considered to be accurate, however, no warranty is expressed or implied regarding the accuracy of the data or the results to be obtained from the use thereof.